The BB&T Site in Durham, North Carolina is the site of a former drycleaning business that operated from 1963 until 1975. Soil and groundwater at the site are contaminated with the drycleaning solvent tetrachloroethene (also called "perc") and its breakdown products. The site is currently in the **Dry-cleaning** Solvent Cleanup Act (DSCA) **Program**, a voluntary program administered by the N. C. Department of Environment and Natural Resources that oversees the remediation of contaminated dry-cleaning sites.

## For more information:

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http://portal.ncdenr.org/web/wm
/dsca/bbt\_updates

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# Dry-cleaning Solvent Cleanup Act (DSCA) Program Division of Waste Management

## N. C. Department of Environment and Natural Resources

# **BB&T Site Update - July/Aug 2011**

## **Current Status:**

During the week of July 18th, DENR's environmental contractor completed the building demolition as specified in the approved Interim Risk Management Plan (IRMP). The demolition went according to plan and, because there was little damage to the slab or asphalt paving, the outdoor air monitoring was initiated on July 22. Due to the good condition of the cover, DENR will collect a seven-day air sample (rather than 14-day) to test the onsite air during an interval of time closest to the demolition which will represent "worst-case" conditions. If the outdoor air onsite meets the ambient air standards, DENR's environmental contractor will proceed with additional assessment activities. If the outdoor air results onsite do not meet the ambient air standards, additional air testing on and offsite will be conducted. The security fence will remain in place until the air meets acceptable standards.

#### **Recent Activities:**

- July 22, 2011: Building demolition completed and seven-day outdoor air sampler deployed.
  - July 18, 2011: Building demolition activities commence.
- July 11-15, 2011: Security fence installed and asbestos abatement conducted.
- June 24, 2011: Completed all utility disconnects except electricity(to be done by July 18th).

## **Upcoming Activities for 2011 and Projected Schedule:**

(all dates are estimates)

- July 28: Complete air monitoring, remove fencing, and collect soil samples for geotechnical parameters.
- Aug 2-5: Assess extent of soil contamination in and around the building footprint using a mobile lab, install soil vapor extraction (SVE) wells and conduct SVE pilot test.
- August/September: Evaluate soil and SVE pilot test data and draft a Remedial Action Plan (RAP) for source removal.
- October: Initiate a 30-day public comment period for the RAP and hold a public meeting/information session.
  - November: Address public comments on the RAP.
  - December: Perform the source removal activities per the RAP.